

# **NEW TECHNOLOGIES FOR FISH AND WILDLIFE MANAGERS**

**August 21-23, 2002**

## **Day One: GIS and Remote Sensing (DRAFT)**

8:00 – 8:30	Introductions & Logistics
8:30 – 9:00	GIS Overview
9:00 – 9:30	Using ArcGIS 8.2 – Lab Exercise
9:30 – 9:45	BREAK
9:45 – 10:00	Using ArcGIS 8.2 – Lab Exercise (continued)
10:00 – 10:30	GIS Software/Hardware/Training Issues
10:30 – 11:45	GIS Applications for Natural Resources
11:45 – 12:45	LUNCH
12:45 – 1:15	Introduction to Remote Sensing
1:15 – 2:30	Using Image Analysis – Lab Exercise
2:30 – 2:45	BREAK
2:45 – 3:15	Image Availability/Type/Costs
3:15 – 4:00	Acquiring Imagery – Lab Exercise
4:00 – 4:30	Remote Sensing Applications for Natural Resources
7:00 – 9:00	<i>Optional</i> – GIS/Remote Sensing Lab Open

## **Day Two – Field Technologies (DRAFT)**

8:00 – 9:45	Capture, Tag and Handling Technologies (Aquatic) – Field Exercise
9:45 – 10:00	BREAK
10:00 – 11:45	Capture, Tag and Handling Issues (Terrestrial) – Field Exercise
11:45 – 1:00	LUNCH
1:00 – 1:30	Latest in GPS Technology
1:30 – 2:45	GPS Field Exercise – Using ArcPad/PDAs
2:45 – 3:00	BREAK
3:00 – 5:00	Air Videography and FLIR Applications
7:00 – 9:00	Wildlife Surveillance Systems – Field Demo

### **DAY 3 – Computers/Networks/Internet (DRAFT)**

8:00 – 8:30	Computer Hardware (Sources/Costs/Recommendations)
8:30 – 9:00	Introduction to Computer Networks
9:00 – 9:30	Internet Connectivity Options for Field Stations
9:30 – 9:45	BREAK
9:45 – 10:45	Web Page Issues
10:45 – 12:00	Utilizing Online Information Systems - Lab Exercise
12:00 – 12:30	Wrap Up and Evaluations
12:30 - 1:30	LUNCH & DEPART